| Inde | ex of Claims |  |
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Application/Control No.

10/698,229

Date

Examiner

Navin Natnithithadha

Applicant(s)/Patent under Reexamination

FRIEDMAN ET AL.

Art Unit

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| U''      |  | Date                                  |  |  |  |  |          |  |          |          |
| Final    | Original   | 3/19/07                               |  |  |  |  |          |  |          |          |
|          | 1  | 1                                     |  |  |  |  |          |  |          |          |
|          | 2  | 1                                     |  |  | H  | $\vdash$   |          |  | -        | П        |
| -        | 3  | J                                     |  | _  | $\vdash$   |  | _        | $\vdash$   | $\vdash$ | Н        |
|          | <del>                                     </del> | j                                     |  | -  | -  | -  |          | -  | -        | Н        |
|          | 1<br>2<br>3<br>4<br>5                            | J                                     |  | -  | ┝  | H  |          | H  | -        | $\vdash$ |
|          | 3  | 1                                     |  | $\vdash$   | $\vdash$   | $\vdash$   | -        | $\vdash$   | ├        | Н        |
|          | 6<br>7   | 1 1 1 1 1 1                           | -  | ⊢  | -  | ⊢  | _        | <u> </u>   | ├        | $\vdash$ |
|          |  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <u> </u>   | <del> </del>                                     | ┝  | -  |          | ├  | ├        | Н        |
|          | 8  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ | <u> </u>   | ⊢  | <del> </del> —                                   | <u> </u>   | _        | ├  | ├        | $\vdash$ |
|          | 9  | 777                                   | <del> </del>                                     | <del> </del>                                     | ⊢  | <u> </u>   | <u> </u> |  | <u> </u> | _        |
|          | 10   |                                       | -  | -  | <u> </u>   | <u> </u>   |          | <u> </u>   | <u> </u> |          |
|          | 11   | 0                                     | -  | <u> </u>   | ļ  | <u> </u>   |          | <u> </u>   | _        | -        |
|          | 12   | 000                                   | Ŀ  | <u> </u>   | <u> </u>   | <u> </u>   | _        | <u> </u>   | <u> </u> |          |
|          | 11<br>12<br>13<br>14<br>15<br>16                 | 10                                    | -  | ļ  | <u> </u>   | ļ  | <u> </u> | ļ  | $\vdash$ | Ш        |
|          | 14   | 0 0 7                                 | <u> </u>   | <u> </u>   | <u> </u>   | L  | L        | <u> </u>   | <u> </u> | Щ        |
|          | 15   | 0                                     | <u> </u>   | <u> </u>   | <u> </u>   |  |          | <u> </u>   |          | Ш        |
|          | 16   | V                                     | L_   | <u> </u>   | ᆫ  |  | _        |  | _        | Ш        |
| <u> </u> | 17   | 1                                     | <u> </u>   |  |  |  |          | <u> </u>   |          | Ш        |
|          | 18   | 1                                     |  | _  |  |  |          |  |          | Ш        |
|          | 17<br>18<br>19                                   | 1                                     |  |  |  |  |          |  | <u> </u> |          |
|          | 20   | =                                     |  |  | L.   |  |          |  |          |          |
|          | 20<br>21   | =                                     | l  | l  |  |  |          | l  |          |          |
|          | 22   | =                                     |  |  |  |  |          |  |          |          |
|          | 22<br>23<br>24                                   | =                                     |  |  |  |  |          |  |          |          |
|          | 24   | ÷                                     |  |  |  |  |          |  |          |          |
|          | 25   | =                                     | Γ  |  |  |  |          |  |          |          |
|          | 25<br>26<br>27                                   | =                                     |  |  |  |  |          |  |          |          |
| 7        | 27   | =                                     | Γ  |  |  |  |          |  |          |          |
|          | 28<br>29   | =                                     |  | Г  |  |  |          |  |          |          |
|          | 29   | =                                     |  | Г  |  |  |          |  |          |          |
|          | 30   | Ī                                     |  | Г  |  | Г  | Г        | Π  | Г        |          |
|          | 31   | =                                     |  |  |  |  |          |  |          |          |
|          | 32   | Ξ                                     | _  |  |  |  |          |  |          | $\Box$   |
|          |  | =                                     |  | ·  |  |  | Γ        |  | Ī        | П        |
|          | 33<br>34<br>35                                   | =                                     | Π  |  | П  |  | Г        |  |          | П        |
|          | 35   | =                                     |  |  |  |  |          |  |          | П        |
|          | 36   | Ξ                                     | Г  | Г  | Г  |  |          |  |          | П        |
|          | 36<br>37   | =                                     | Π  | Г  | Г  |  |          |  |          |          |
|          | 38   | =                                     | Г  | Г  | Π  |  |          | Г  | Г        |          |
|          | 39   | 1                                     |  | Г  | Г  |  | $\Box$   | Γ  |          | П        |
|          | 40   | 1                                     |  | Г  | $\vdash$   |  |          | $\vdash$   | _        | П        |
|          | 41   | 1                                     |  |  |  | Г  |          |  |          | П        |
|          | 42   | 1                                     |  |  | $I^-$  |  |          |  |          | П        |
|          | 43   | 1                                     |  | $\vdash$   | T  | <del>                                     </del> |          |  |          | $\vdash$ |
|          | 44   | 1                                     |  | $\vdash$   | ✝  | $\vdash$   |          | $\vdash$   | $\vdash$ | $\vdash$ |
|          | 45   | Ì                                     | -  | <del>                                     </del> | <del>                                     </del> | <del>                                     </del> | <u> </u> | $\vdash$   | _        | $\vdash$ |
|          | 46   | Ì                                     |  | $\vdash$   | $\vdash$   | <del>                                     </del> | ┢        | <del>                                     </del> |          | Н        |
|          | 47   | ō                                     |  | $\vdash$   | T  | $\vdash$   | _        | $\vdash$   | $\vdash$ | H        |
|          | 48   | 0                                     |  | _  | <del>                                     </del> |  |          |  | _        | Н        |
|          | 49   | 0                                     | <del>                                     </del> | $\vdash$   | <del>                                     </del> | ┢  |          | $\vdash$   | $\vdash$ | $\vdash$ |
| $\vdash$ | 50   | 1                                     | $\vdash$   | <del>                                     </del> | $\vdash$   | -  | $\vdash$ |  | $\vdash$ | Н        |
|          |  |                                       |  |  |  |  |          | L  |          | ш        |

| Claim    |  | _        |          |          |          |          | <u> </u>       |                | _        |          |
|----------|--|----------|----------|----------|----------|----------|----------------|----------------|----------|----------|
| Final    | Original   | 3/19/07  |          |          |          |          |                |                |          |          |
|          | 51   | 1        |          |          |          |          |                | _              |          |          |
|          | 52   | <u> </u> | -        | -        | -        | _        | _              | _              | _        | -        |
|          | 52   | _        | H        | _        | _        | -        | $\vdash$       | _              |          | _        |
| -        | 5.4  |          |          |          | -        |          | ┝              |                | -        | _        |
|          | 54   |          | _        |          |          | _        | -              |                | $\vdash$ | _        |
|          | 55   | _        |          | _        |          |          |                |                | _        | _        |
|          | 51<br>52<br>53<br>54<br>55<br>56<br>57                         | _        | _        | -        |          | _        | -              | -              | _        |          |
| <u> </u> | 5/   | _        | _        |          |          | _        | _              | _              | _        |          |
| <u> </u> | 58<br>59<br>60<br>61   | $\vdash$ | -        | $\vdash$ | _        | _        | H              | -              | $\vdash$ |          |
| <u> </u> | 59   |          |          |          |          |          |                | H              |          |          |
| <u> </u> | 60   |          | -        | -        |          |          | -              | -              |          |          |
|          | 61   | _        | _        | _        |          |          | <u> </u>       |                |          |          |
| <u></u>  | 62<br>63   |          |          | _        |          |          |                | _              |          |          |
| ļ        | 03   |          | -        | <u> </u> |          | ļ        | <u> </u>       | <u> </u>       | <u> </u> | -        |
| ļ        | 64<br>65   | <u> </u> | -        | $\vdash$ | <u> </u> | <u> </u> | <u> </u>       | <u> </u>       |          |          |
| ļ        | 65   |          | <b> </b> | -        | <u> </u> | <u> </u> | <del> </del>   | <del> </del>   | <u> </u> | <u> </u> |
| <u> </u> | 66   | $\vdash$ | L        | $\vdash$ | <u> </u> |          | <u> </u>       | <u> </u>       | <u> </u> | <u> </u> |
| -        | 67<br>68   | ┡        |          |          | _        |          |                | <u> </u>       | L        |          |
| <u> </u> | 68   | H        |          |          |          |          |                | _              |          |          |
| <u> </u> | 69   |          | -        | -        |          |          | <del> </del> - |                |          | -        |
| ├        | 70   |          |          | _        |          | -        | <del> </del>   | -              | -        | <u> </u> |
| <u> </u> | 73   |          |          | _        |          |          | ├              |                | -        | <u> </u> |
| <u> </u> | 72   |          | ⊢        |          | H        | H        | ⊢              |                | H        | H        |
| ├—       | 74   |          | H        | H        | $\vdash$ | H        | $\vdash$       |                |          | ⊢        |
| ├—       | 75   | -        | $\vdash$ | _        | ┝        | ┝        | ⊢              | _              | H        | ┝        |
|          | 76   | -        | $\vdash$ |          | $\vdash$ | $\vdash$ | $\vdash$       | -              | $\vdash$ | ┝        |
|          | 69<br>70<br>71<br>72<br>73<br>74<br>75<br>76<br>77<br>78<br>79 | -        | -        | -        | _        | $\vdash$ | $\vdash$       | -              | $\vdash$ | -        |
| <u> </u> | 78   |          |          |          | $\vdash$ | ┢╌       | $\vdash$       |                |          |          |
|          | 79   |          | _        | -        | _        |          | -              | _              | $\vdash$ | -        |
|          | 80   | _        |          | $\vdash$ | _        | _        |                | <del>  -</del> | ·        | $\vdash$ |
|          | 81   | -        |          |          | -        |          | -              |                | -        |          |
|          | 82   | _        |          |          |          | _        | -              | _              | $\vdash$ | -        |
|          | 81<br>82<br>83   | _        |          | -        | _        | _        | _              | $\vdash$       | _        |          |
|          | 84   |          |          |          | Т        |          |                | <u> </u>       |          |          |
|          | 84<br>85   |          |          |          |          |          |                | _              |          |          |
|          | 86   | П        |          |          |          | _        | T              |                |          |          |
|          | 86<br>87   |          |          |          |          |          |                |                |          |          |
|          | 88   |          |          |          |          |          | Ĺ              |                |          |          |
|          | 89   |          |          |          |          |          |                |                |          |          |
|          | 89<br>90   |          |          | ·        |          |          |                |                |          |          |
|          | 91   |          |          |          |          |          |                |                |          |          |
|          | 92   |          |          |          |          |          |                |                |          |          |
|          | 92<br>93   |          |          |          |          |          |                |                |          |          |
|          | 94   |          |          |          |          |          |                |                |          |          |
|          | 95   |          | L        | L.       |          |          | L              |                |          |          |
|          | 96   | _        | L_       | L_       |          |          | L              |                | _        | L        |
|          | 97   | <u></u>  | L_       | L_       | _        | L        | L_             | L              | <u> </u> | _        |
| ļ        | 98   | <u> </u> | <u> </u> | <u> </u> | <u> </u> | L.       | <u> </u>       | <u> </u>       |          | _        |
|          | 99   | <u>L</u> | <u> </u> | <u> </u> | L        | L        | <u> </u>       | L              | <u> </u> |          |

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|--|----------|------|--------------|--------------|---------------|----------|----------|----------|----------|--|-----------------|
| 102  |          |      |              |              |               |          |          | ٠        |          |  |                 |
| 102  |          | 101  |              | _            | -             |          | $\vdash$ | -        | _        | ┝  |                 |
| 110  |          | 102  | _            |              |               |          |          | _        |          | Г  | П               |
| 110  |          | 103  |              |              |               |          |          |          |          |  |                 |
| 110  |          | 104  |              |              |               |          |          |          |          |  |                 |
| 110  |          | 105  | _            |              |               |          |          |          | _        |  |                 |
| 110  |          | 106  | _            | _            |               | _        |          |          | _        | _  |                 |
| 110  |          | 107  | -            |              |               |          |          |          |          |  |                 |
| 110  |          | 100  | -            |              |               | ├—       |          |          | -        | -  |                 |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 110  | $\vdash$     |              |               | -        | -        |          | -        |  |                 |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 111  |              |              | $\vdash$      |          |          |          | ┢┈       |  | H               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 112  |              |              |               |          |          |          |          |  | М               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 113  |              |              |               |          |          |          |          |  |                 |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 114  |              |              |               |          |          |          |          |  |                 |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 115  |              |              |               |          |          |          |          |  | Ш               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 116  | <u> </u>     | _            | <u> </u>      | _        | _        |          |          | <u> </u>   | Ш               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 117  | <u> </u>     | _            | <u> </u>      | L        | -        | _        | _        | <u> </u>   | Н               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 | <u> </u> | 118  | <u> </u>     | _            | _             | _        |          | -        | Ŀ        | _  | $\dashv$        |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 120  | ├            | <del> </del> | $\vdash$      | ┝        | -        | -        | ├        | -  | $\vdash$        |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 120  | ┢            | ├            | ⊢             | ┢        | -        | -        |          | -  | Н               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 122  | ┢            | $\vdash$     | ┢             | ┢        | ┢        | -        | -        | -  | Н               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 123  |              |              |               | $\vdash$ |          |          |          | $\vdash$   | Н               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 124  | T            |              | Г             |          | _        |          |          | _  | $\Box$          |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 125  |              |              |               |          |          |          |          |  |                 |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 126  |              |              |               |          |          |          |          |  |                 |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 127  |              | _            |               | _        |          |          |          | _  | Ш               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 128  | <u> </u>     | <u> </u>     |               |          | <u> </u> | <u> </u> | _        | _  | Ш               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 129  | <del> </del> | _            | <del> </del>  | <u> </u> | <u> </u> | <u> </u> |          | _  | $\vdash$        |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 131  | -            | <del> </del> | ├             | ├        |          | ⊢        |          | -  | Н               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 132  | ┢            | -            | $\vdash$      | ⊢        | _        | ┝        | -        | -  | Н               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 133  | $\vdash$     | $\vdash$     | $\vdash$      | $\vdash$ |          | $\vdash$ |          | -  | Н               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 134  | ١.           |              | T             | Н        |          |          |          |  | Н               |
| 136<br>137<br>138<br>139<br>140<br>141<br>142<br>143 |          | 135  | ·            |              |               |          | _        |          |          |  | П               |
| 137<br>138<br>139<br>140<br>141<br>142<br>143        |          | 136  |              |              |               |          |          |          |          |  |                 |
| 140<br>141<br>142<br>143                             |          | 137  |              |              |               |          |          |          |          |  |                 |
| 140<br>141<br>142<br>143                             |          | 138  | _            | L            |               | L        |          | _        | _        | _  | Ш               |
| 141<br>142<br>143                                    | ļ        | 139  | <u> </u>     | <u> </u>     | _             | <u> </u> | L.       | _        | L.       | <u> </u>   | <u> </u>        |
| 142  | ļ        | 140  | ⊢            | _            | -             | <u> </u> | _        |          |          | <u> </u>   | $\vdash \vdash$ |
| 143  |          | 141  | <u> </u>     | <u> </u>     | -             |          | ļ        |          | -        |  | Н               |
|  |          | 142  | $\vdash$     | -            | -             | -        |          | -        | -        | -  | $\vdash\vdash$  |
|  |          | 144  | -            | $\vdash$     | ┢             | $\vdash$ | _        | -        | -        | <del> </del>                                     | Н               |
| 145  |          |      | $\vdash$     | $\vdash$     | $\vdash$      | $\vdash$ | -        |          | _        | $\vdash$   | Н               |
| 146  |          | 146  | $\vdash$     |              |               | -        |          | _        | $\vdash$ | <del>                                     </del> | Н               |
| 147  |          |      |              |              |               |          | Ī        |          |          |  | П               |
| 148  |          | 148  |              |              |               |          |          |          |          |  |                 |
| 149  |          |      |              | Ĺ            | $\sqsubseteq$ | Ĺ        |          |          |          |  |                 |
| 150  | L        | 150  | <u> </u>     | <u> </u>     |               | <u> </u> | <u> </u> | L        | L_       |  | Ш               |